

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002954

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L39/14 H01L39/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	OBERLY C E ET AL: "The importance of interfilamentary barrier resistance in YBCO coated conductor to minimize ac losses" INTERNATIONAL CRYOGENIC MATERIALS CONFERENCE, MADISON, WI, USA, 16-20 JULY 2001, no. 614B, 2002, pages 621-630, XP002311092 AIP CONFERENCE PROCEEDINGS ISSN: 0094-243X	1,2, 6-10,12, 14,15, 19-23,25
Y	page 622; figure 2 page 625, last paragraph - page 626, paragraph 2; figure 5 ----- -/-	16,26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

17 December 2004

Date of mailing of the international search report

04/01/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Köpf, C

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002954

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	DE 91 11 328 U1 (KABELMETAL ELECTRO GMBH) 24 October 1991 (1991-10-24) page 4; figures -----	1-4,13, 14 16,26
X	DE 40 04 908 A (DAIMLER-BENZ AG) 22 August 1991 (1991-08-22) column 3, line 18 - column 4, line 28; claims 2-18; figures -----	1,2,4-8, 14,15, 17-21
X	WO 01/18885 A (CAMBRIDGE UNIVERSITY; GLOWACKI BARTLOMIEJ ANDRZEJ ET AL) 15 March 2001 (2001-03-15) page 5, line 7 - page 6, line 7; figure 2 -----	1,2,6-8, 14
X A	WO 01/08169 A (AMERICAN SUPERCONDUCTOR CORP; MALOZEMOFF ALEXIS P ET AL) 1 February 2001 (2001-02-01) page 3, line 14 - line 30; figure 3 page 34, line 19 - line 23 -----	1,2,14 3,11-13, 15,24-26

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002954

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 9111328	U1	24-10-1991	NONE	
DE 4004908	A	22-08-1991	DE 4004908 A1	22-08-1991
WO 0118885	A	15-03-2001	AU 7027800 A WO 0118885 A1	10-04-2001 15-03-2001
WO 0108169	A	01-02-2001	US 6562761 B1 AU 1186901 A AU 1325001 A AU 1325101 A AU 771872 B2 AU 1325301 A AU 1325401 A AU 1750901 A AU 2915401 A AU 2915501 A AU 6216200 A AU 6216600 A CA 2378833 A1 CN 1364321 T CN 1364322 T CN 1364320 T EP 1198847 A1 EP 1198848 A1 EP 1198849 A2 EP 1198846 A2 JP 2003526905 T JP 2003505887 T JP 2003505888 T JP 2003517984 T WO 0108169 A2 WO 0111428 A1 WO 0108231 A2 WO 0108232 A2 WO 0108235 A1 WO 0108236 A1 WO 0108233 A2 WO 0108170 A2 WO 0126164 A2 WO 0126165 A2 US 2002144838 A1 US 6828507 B1 US 6669774 B1 US 2002082171 A1	13-05-2003 13-02-2001 13-02-2001 13-02-2001 01-04-2004 13-02-2001 13-02-2001 05-03-2001 10-05-2001 10-05-2001 13-02-2001 13-02-2001 01-02-2001 14-08-2002 14-08-2002 14-08-2002 24-04-2002 24-04-2002 24-04-2002 24-04-2002 09-09-2003 12-02-2003 12-02-2003 03-06-2003 01-02-2001 15-02-2001 01-02-2001 01-02-2001 01-02-2001 01-02-2001 01-02-2001 01-02-2001 12-04-2001 12-04-2001 10-10-2002 07-12-2004 30-12-2003 27-06-2002

Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT

The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (iv) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

In relation to international application No. PCT/IB2004/002954, EDISON S.p.A. and OUTOKUMPU COPPER SUPERCONDUCTORS ITALY S.p.A. are entitled to apply for and be granted a patent by virtue of the following:

- transfer of entitlement from EDISON TERMOKLETTRICA S.p.A. to EDISON S.p.A. by way of a Merger Deed dated November 25, 2003;
- transfer of entitlement from EUROPA METALLI S.p.A. to EMS - EUROPA METALLI SUPERCONDUCTORS S.p.A. by way of an Assets Contribution Deed dated December 23, 2003;
- the name of EMS - EUROPA METALLI SUPERCONDUCTORS S.p.A. changed to OUTOKUMPU COPPER SUPERCONDUCTORS ITALY S.p.A. on April 27, 2004.

This declaration is made for the purposes of all designations except the designation of the United States of America.

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".